

SHEET A

(Complete at Time of Grant Offer)

Applicant and County: City of Philadelphia - Water Department

Project No.: _____ Date of Grant Offer: _____

1. Location of Sewage Treatment Plant: In South Philadelphia near the
confluence of the Schuylkill and Delaware Rivers.

2. Receiving Stream: Delaware River

3. Present Pop.: 1,340,000

4. Present Pop. Served: 950,000

5. Present Flow: 134 mgd

6. Design Population and Flow (Sewage Treatment Plant Only): 2,100,000 @
120 mgd based on 100 gpcd.

7. Degree of Treatment (check one): ☐ Primary ☒ Secondary ☐ Tertiary

8. Type: Activated sludge.

9. Major Sewage Treatment Plant Components: Grit removal, primary settling,
aeration, final settling, chlorination, separate anaerobic sludge di-
gestion.

10. Estimated Construction Cost of Treatment Facilities: \$ 73,700,000

11. Estimated Construction Cost of Pumping Facilities: \$ _____

12. Estimated Construction Cost of Intercepting Sewers: \$ _____

13. Total Estimated Eligible Cost
(Incl. Const., Engr., Adm., Legal, etc.) \$ 84,825,000

14. Project Status: Initiate construction October 1, 1973.

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OFFICE MEMORANDUM

DATE:

TO : Acting Director, Division of Facilities
Construction and Operation

FROM : Facilities Office
Middle Atlantic Region

SUBJECT: Information for Project Summary Records

Project: City of Philadelphia - Southwest

Design: 210 MGD

Population Served: 950,000

Population Equivalents:

Raw B 1,340,000

Eff B 643,200 (Based on 52% removal)

Raw A 1,440,000

Eff A 128,400 (Based on stream load allocation equivalent of 21,830 lbs
BOD per day and 0.17 lb BOD per capita)

Design 2,100,000

Other Related Projects:

1/10/71

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